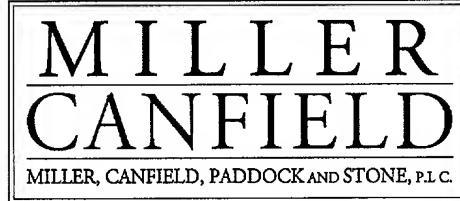


02/12/02

Founded in 1852
by Sidney Davy Miller



ROBERT KELLEY ROTH
TEL: (313) 496-7568
FAX: (313) 496-8452
E-MAIL: roth@millerkanfield.com



150 West Jefferson, Suite 2500
Detroit, Michigan 48226
TEL: (313) 963-6420
FAX: (313) 496-7500
www.millerkanfield.com

02-12-02 A
MICHIGAN: Ann Arbor
Detroit • Grand Rapids
Howell • Kalamazoo
Lansing • Monroe • Troy

New York, N.Y.
Washington, D.C.
CANADA: Windsor, ON
POLAND: Gdynia
Katowice • Warsaw

AFFILIATED OFFICE:
Pensacola, FL



February 12, 2002

Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

Re: Inventors: Aaron T. Crumm and John W. Halloran
Express Mail No.: ET945458762US
Our Reference No.: 112860-00002
Title: Improved Solid State Electrochemical Devices

Dear Sir:

Enclosed for filing please find:

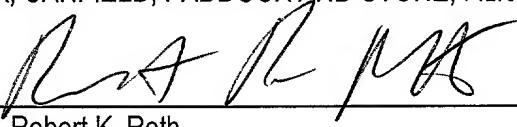
- 1) Specification (28 sheets);
- 2) Submission of Drawings (2 sheets);
- 3) Assignment;
- 4) Recordation Form Cover Sheet;
- 5) Declaration and Power of Attorney;
- 6) Fee Transmittal Form and checks in the amount of \$410.00 and \$222.00;
- 7) Information Disclosure Statement with cited references; and
- 8) Certificate of Filing by Express Mail.

We are also enclosing a post card receipt which we ask that you return to us acknowledging the date of receipt and the assigned serial number.

Very truly yours,

MILLER, CANFIELD, PADDOCK AND STONE, P.L.C.

By:


Robert K. Roth

Reg. No. 36,660

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

632.00

Complete if Known	
Application Number	
Filing Date	
First Named Inventor	Aaron T. Crumm
Examiner Name	
Group Art Unit	
Attorney Docket No.	112860-2

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

Deposit Account Name

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	370.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$)

370.00

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	29	-20** = 9 X 20.00	= 180.00
Independent Claims	4	-3** = 1 X 42.00	= 42.00
Multiple Dependent			

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee Description
103	18	203	9
102	84	202	42
104	280	204	140
109	84	209	42
110	18	210	9

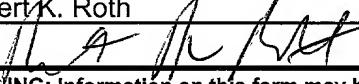
** Reissue independent claims over original patent
** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

222.00

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES	Large Entity	Small Entity	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for ex parte reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	400	216	200 Extension for reply within second month	
117	920	217	460 Extension for reply within third month	
118	1,440	218	720 Extension for reply within fourth month	
128	1,960	228	980 Extension for reply within fifth month	
119	320	219	160 Notice of Appeal	
120	320	220	160 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive - unavoidable	
141	1,280	241	640 Petition to revive - unintentional	
142	1,280	242	640 Utility issue fee (or reissue)	
143	460	243	230 Design issue fee	
144	620	244	310 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CFR 1.17(q)	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	40.00
146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	
Other fee (specify) _____				
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$)
				40.00

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Robert K. Roth	Registration No. (Attorney/Agent)	36,660	Telephone (313) 963-6420
Signature		Date	2/12/02	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

MILLER, CANFIELD, PADDOCK AND STONE, P.L.C.

-2-

February 12, 2002

CERTIFICATE OF FILING BY MAILING

This is to certify that the following documents were mailed by U.S. Postal Service Express Mail, Reference No. ET945458762US to Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231 on February 12, 2002:

- 1) Specification (twenty eight sheets);
- 2) Submission of Drawing (two sheets);
- 3) Assignment;
- 4) Recordation Form Cover Sheet;
- 5) Declaration and Power of Attorney;
- 6) Fee Transmittal Form and checks in the amount of \$410.00 and \$222.00;
- 7) Information Disclosure Statement with cite references; and
- 8) This Certificate of Filing by Mailing.

MILLER, CANFIELD, PADDOCK AND STONE, P.L.C.

By: 

Chris Roy

DELIB:2297808.1\112860-00002